

September 2012 Summary

Michael Mathews
Meteorologist
NWS Bismarck, ND

September 2012 Highlights

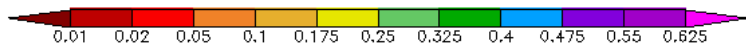
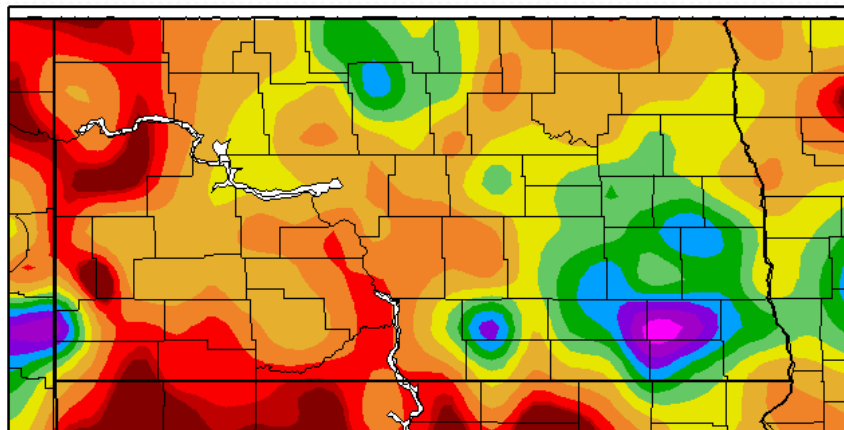
- Across western and central North Dakota
 - Top 10 driest September on record
 - Above normal temperatures
 - Drought/abnormally dry conditions worsened

September Precipitation (inches)

Site (year observations began)	Precipitation	Departure from Normal	Rank as driest compared to previous years
Bismarck (1874)	0.05	-1.54	3rd
Williston (1894)	0.08	-0.98	5th*
Dickinson (1893)	0.17	-1.30	9th*
Minot (1905)	0.18	-1.28	6th
Jamestown (1893)	0.31	-1.69	9th*

* Denotes a tie

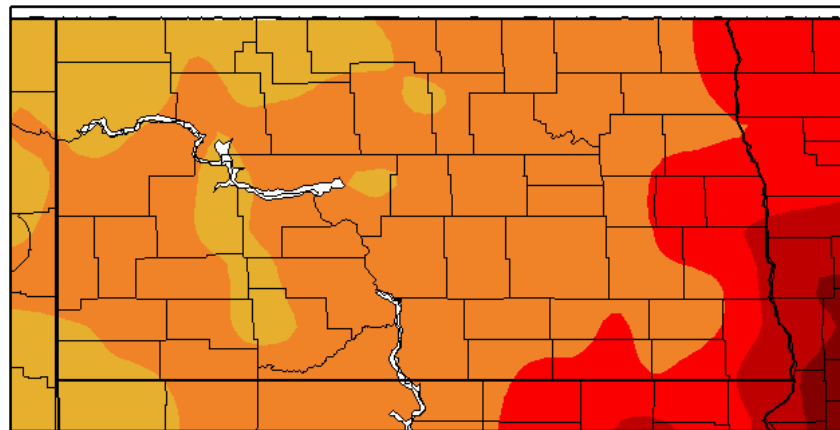
Precipitation (inches) for September



Generated 10/1/2012 at HPRCC using provisional data.

Regional Climate Centers

Departure from Normal Precipitation (inches) for September



Generated 10/1/2012 at HPRCC using provisional data.

Regional Climate Centers

U.S. Drought Monitor

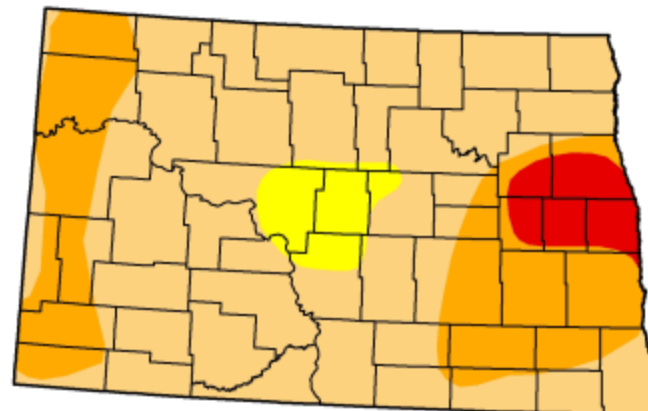
North Dakota

September 25, 2012

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	94.90	28.49	4.78	0.00
Last Week (09/18/2012 map)	0.00	100.00	87.57	28.34	0.00	0.00
3 Months Ago (06/26/2012 map)	63.80	36.20	10.17	0.00	0.00	0.00
Start of Calendar Year (12/27/2011 map)	25.96	74.04	8.67	0.00	0.00	0.00
Start of Water Year (09/27/2011 map)	100.00	0.00	0.00	0.00	0.00	0.00
One Year Ago (09/20/2011 map)	100.00	0.00	0.00	0.00	0.00	0.00



Intensity:

 D0 Abnormally Dry	 D3 Drought - Extreme
 D1 Drought - Moderate	 D4 Drought - Exceptional
 D2 Drought - Severe	

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



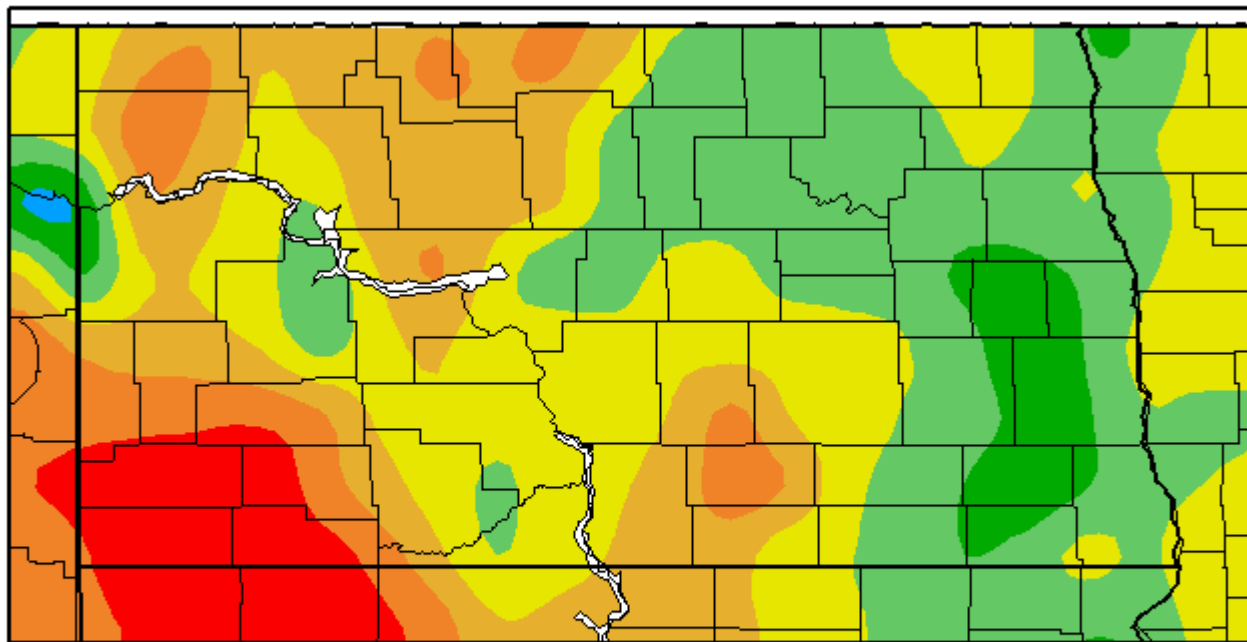
Released Thursday, September 27, 2012
Anthony Artusa, NOAA/NWS/NCEP/CPC

September Temperatures (°F)

Site (year observations began)	Average Temperature	Departure from Normal	Rank as warmest compared to previous years
Bismarck (1874)	59.0	+0.5	51 st *
Williston (1894)	58.7	+2.0	35 th *
Dickinson (1893)	59.9	+2.7	16 th *
Minot (1905)	59.5	+1.7	14 th *
Jamestown (1893)	57.9	+0.3	61 st *

* Denotes a tie

Departure from Normal Temperatures (°F) (Average Monthly) for September



Generated 10/1/2012 at HPRCC using provisional data.

Regional Climate Centers

Summary

- Across western and central North Dakota
 - Top 10 driest September on record
 - Above normal temperatures
 - Drought/abnormally dry conditions worsened